



L3 ANSWER 133 OF 379 CA COPYRIGHT 2004 ACS on STN  
AN 132:198104 CA  
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TI Dry mixt for production of suspensions for special foundation engineering  
and its use  
IN Niepelova, Daniela; Chovan, Peter  
PA Slovakia  
SO Slovakia, 3 pp.  
CODEN: SLXXFO  
DT Patent  
LA Slovak  
IC ICM C04B028-18  
ICS C04B018-14  
CC 58-5 (Cement, Concrete, and Related Building Materials)  
Section cross-reference(s): 60

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PRAI	SK 1993-733		19930712		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
SK 279524	ICM	C04B028-18
	ICS	C04B018-14

AB The dry mix consists of 30-85 **cement** and 15-70 wt.% inorg.  
substance contg. .gtoreq.60 wt.% amorphous SiO<sub>2</sub>. Preferably, portland  
**cement** or **slag cement** is used. Typically, the  
mix contains 30-50 **cement** and 50-70% **zeolite** contg.  
.gtoreq.60 amorphous SiO<sub>2</sub> or 40-85 **cement** and 15-60% microsilica  
flue dust or **fly ash** contg. .gtoreq.90% amorphous  
SiO<sub>2</sub>. The mix has a good workability, pumping ability, stability, and  
strength and low water permeability. The dry mix can be also used as a  
sealing layer underneath a foil lining in waste dumps.  
ST dry mix foundation; **cement zeolite** dry mix; flue dust  
**cement** dry mix  
IT Foundations (buildings)  
(dry mix for prodn. of suspensions for)